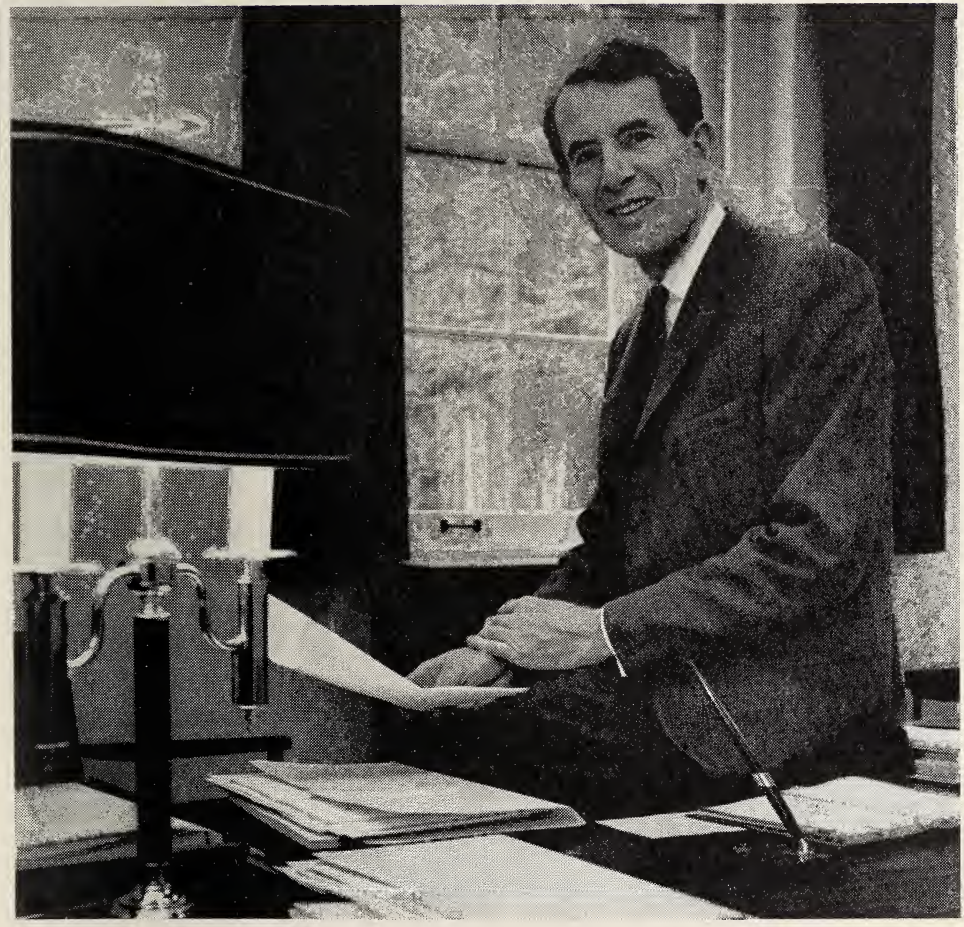
NOVEMBER 1967

STAFF **bulletin**

UNIVERSITY OF TORONTO



Robin Ross, who spent last year at Ottawa as special consultant on higher education in the office of the Secretary of State, has returned to the University as Vice-President and Registrar

Centennial Professors in November: Duff, Johnson and Swinton

The Centennial Professorship program continues in November with three distinguished scholars taking part.

Professor Harry G. Johnson of the London School of Economics and the University of Chicago will be on the St. George Campus during the month. Professor Johnson will give a lecture on "Economic Theory and Contemporary Society", on Wednesday, November 15, at 8.30 p.m. in Convocation Hall. Members of the staff are urged to watch the campus notice and bulletin boards and newspaper advertisements for announcements of his full schedule.

Sir James Duff, co-author of the Duff-Berdahl report on university government in Canada, will give three public lectures during the month in Cody Hall, School of Nursing, St. George and Russell Streets, at 8.30 p.m. on these dates:

Monday, November 6—"British Universities: New Types and Old"

Monday, November 13—"British Universities: Recent Developments"

Monday, November 20—"New Universities in the Commonwealth"

Seminars are being arranged by Professor Robin S. Harris and Dr. Edward F. Sheffield for the Wednesdays following the first two lectures.

Dr. William E. Swinton, formerly Director of the Royal Ontario Museum, appears as a Centennial Professor in November in the first three of six lectures, "Aspects of Evolution in Fossil Vertebrates". They will be given in Room 2117, Sidney Smith Hall, at 4 p.m. on November 15, 22 and 29.

Fall Convocation on Friday, November 24

Three degrees of Doctor of Laws, *honoris causa*, will be conferred at the Fall Convocation on Friday, Nov. 24, at 8 p.m. in Convocation Hall.

The honorary graduands will be:

Miss Jean Sutherland Boggs, Director of the National Gallery of Canada;

Dr. Michael Polanyi, Research Fellow, Merton College, Oxford, who will address Convocation;

Stephen B. Roman, President, Denison Mines Limited.

Miss Boggs graduated from Trinity College with a B.A. degree, and earned her A.M. and Ph.D. degrees at Radcliffe College. She was appointed Director of the National Gallery in 1966, after two years as Steinberg Professor of Art History at Washington University, St. Louis, Missouri. Prior to that she taught at Skidmore College, N.Y., Mount Holyoke College in Massachusetts, and at the University of California, and from 1962 to 1964 she was Curator at the Art Gallery of Toronto.

Dr. Polanyi, born in Budapest, Hungary, in 1891, published his first scientific paper at the age of 19. While a medical student, he became interested in physics and physical chemistry and published papers on the application of the quantum theory in those areas. After World War I, in which he was a medical officer in the Austro-Hungarian Army, he made fundamental discoveries in such diverse fields as X-ray diffraction, solid state physics and kinetics. He has been in England since 1933, having resigned from the Kaiser Wilhelm Institute in protest against Nazi legislation. From 1933 to 1958 he was at Manchester University. He has been Senior Research Fellow at Merton for the past nine years, continuing his work in physical chemistry and adding to it a growing interest in economics and philosophy.

Stephen B. Roman left agricultural college in his native Slovakia in 1937 to come to Canada at the age of 16. After working on a farm and in industry and serving in the Canadian Army in World War II, he edited a Slovak newspaper. He turned to mining as a career and developed the Denison mine at Elliot Lake into the largest uranium mine in the western world. Mr. Roman is a director of several important corporations and of the Canadian Nuclear Association. He is president of the Canadian Folk Arts Council, is a student of world politics, an active layman in the Roman Catholic Church, who has the Papal honour, Knight Commander of St. Gregory the Great and who was the only Canadian lay observer at the 1964 Ecumenical Council in Rome.

NOVEMBER EVENTS

1 WEDNESDAY

Lecture — Erindale College Science Lecture Series. "Continental Drift: a Revolution in Earth Sciences". Dr. J. Tuzo Wilson. Erindale College. 8 p.m.

Tour — Ten-to-One Tours. Free half-hour tour on the civilization and culture of Greece. Assemble in ROM main rotunda at 12.50 p.m.

Athletics — Rugger. York at Varsity. Back Campus. 3 p.m.

2 THURSDAY

Seminar — Institute of Aerospace Studies. "Man, The Ingenious Machine". Dr. G. Melvill-Jones, McGill University. 2 p.m.

Department of Physics. "Whistler's". Dr. L. R. O. Storey, Ionosphere Research Group, CNRS, St. Maur, France. Room 103, McLennan Physical Laboratories. 4.10 p.m.

Lectures — Graduate Department of French. "Ionesco, metteur en scène de la condition humaine". Paul Vernois, visiting professor, U.C. Room 106, U.C. 4.10 p.m.

"Isfahan: City of Sapphire". Illustrated lecture by Laurence Lockhart. Museum Theatre. 8.30 p.m. ROM members free; non-members $1.

Poetry Reading — Eli Mandel will read her own poetry from *The Idiot Joy*, and Geza Kovacs will read contemporary Canadian poetry. Art Gallery, Hart House. 1.15 p.m. Ladies welcome.

3 FRIDAY

Lectures — Committee on the History and Philosophy of Science. "Recurrent Patterns in Scientific Development". Thomas S. Kuhn, Professor in the Programme of the History and Philosophy of Science, Princeton University. Room 102, Mechanical Building. 1.10 p.m.

Graduate Department of English. "English Studies: The Anglo-American Contrast". George Watson, Fellow of St. John's College, Cambridge. Upper Library, Massey College. 4 p.m.

4 SATURDAY

Lecture — Royal Canadian Institute. Presidential address, "Canadian Blood in the Laboratory". Dr. A. M. Fisher. Convocation Hall. 8.15 p.m.

Athletics — Rugger. R.M.C. at Varsity. Back Campus. 10 a.m.
Soccer. Western at Varsity. Back Campus. 12 o'clock noon.
Football. Western at Varsity. Varsity Stadium. 2 p.m.

5 SUNDAY

Music — Youth Concert; conductor Wilson Swift. Program will feature piano, woodwinds, flute and clarinet and will include *Carnival of the Animals* (Saint-Saens) and *Concerto for two pianos* (Bach). Scarborough College. 3.45 p.m.

"The Italian School". Boyd Neel conducts the Hart House Orchestra. Great Hall, Hart House. 8.30 p.m.

University College

PUBLIC LECTURES 1967-68

Nov. 9 *Turnus and Hotspur*
Martin Mueller
Department of English

Nov. 30 *How Do You Mean?*
J. F. M. Hunter
Department of Philosophy

Jan. 11 *Thomas Mann's Eroticism*
David Myers
Department of German

Feb. 8 *The Historian Plutarch*
Christopher Jones
Department of Classics

Mar. 7 *Open-ended Techniques in the American Novel*
Stephen Martineau
Department of English

West Hall, University College
at 4.10 p.m.

6 MONDAY

Lecture	"British Universities: New Types and Old". Sir James Duff, Centennial Professor. Cody Hall, School of Nursing. 8.30 p.m.
Music	Organ Recital by Dr. Charles Peaker. Convocation Hall. 5.05 p.m.
Colloquia	School of Graduate Studies, Department of Computer Science. "The Structure of Programming Languages". Prof. P. Wegner, Department of Computer Science, Cornell University. Monday, Nov. 6, to Thursday, Nov. 9 inc. First three at 4 p.m. in Room 202, McLennan Physical Laboratories; Thursday in Room 101, Old Physics Building at 11 a.m.

8 WEDNESDAY

Lectures	"Determinants of Organizational Adaptability". Prof. D. Bunker, School of Business Administration, State University of New York at Buffalo. School of Business. 4 p.m.
	Science Lecture Series. "Men and Machines". Dr. E. Llewellyn Thomas. Erindale College. 8 p.m.
Tour	Ten-to-One Tour. A guided walk through the ROM's current exhibition "Living Legacy: A Tribute to Sigmund Samuel". ROM main rotunda. 12.50 p.m.

9 THURSDAY

Lectures	First of University College Public Lectures. "Turnus and Hotspur". Prof. Martin Mueller. West Hall, U.C. 4.10 p.m.

(*Continued*)

9 THURSDAY (*Continued*)

Graduate Department of French. "Psychology and the New Criticism in France". C. A. Hackett, University of Southampton; visiting professor, Dalhousie University. Room 106, U.C. 4.10 p.m.

"Greek Pedimental Sculpture". Prof. Michael Gough, director of the British Institute of Archaeology, Ankara. First in current season of lectures sponsored by the Toronto Society, Archaeological Institute of America. Museum Theatre. 4.30 p.m. Free.

"Carpets of the Orient". Illustrated lecture by Joseph V. McMullan, owner of the world's best private collection of Islamic carpets. Museum Theatre. 8.30 p.m. ROM members free; non-members $1.

Institute of Computer Science. "Formalization of Formal and Natural Languages" (Part I). Prof. A. van Wijngaarden, University of Amsterdam. Room 200, McLennan Physical Laboratories. 3 p.m.

Graduate Department of English. "The Assumptions behind Histories of the Elizabethan Stage". A. H. Scouten, Professor of English, University of Pennsylvania. Upper Library, Massey College. 8.30 p.m.

Poetry Reading — Charles Douglas, Alastair Sweeney, Barry Charles and others will read their own poetry. Art Gallery, Hart House. 1.15 p.m.

Dinner — Faculty Club Lady Members' Dinner. Reception 5.15 p.m. Dinner 6.15 p.m. Members only.

10 FRIDAY

Service — Service of Remembrance and Consecration. Soldiers' Tower. 10.45 a.m.

Lectures — Committee on the History and Philosophy of Science. "Hermann Von Helmholtz and the Revolution in Mid-Nineteenth Century Biology". Prof. Everett Mendelsohn, Department of the History of Science, Harvard University. Room 102, Mechanical Building. 1.10 p.m.

Institute of Computer Science. "Formalization of Formal and Natural Languages" (Part II). Prof. A. van Wijngaarden, University of Amsterdam. Room 119, Galbraith Building. 11 a.m.

11 SATURDAY

Lecture — Royal Canadian Institute: "Harnessing the Manicouagan and Outardes Rivers; a Challenge to the Engineer and the Builder". Benoit Baribeau, General Manager (Engineering), Hydro-Quebec. Convocation Hall. 8.15 p.m.

Athletics — Rugger. McMaster at Varsity. Back Campus. 12 noon.
Water Polo. McMaster at Varsity. Hart House. 2 p.m.

12 SUNDAY

Music — String Orchestra conducted by Wilson Swift. Scarborough College. 3.45 p.m.

Lorand Fenyves and Anton Kuerti, accompanist. Great Hall, Hart House. 8.30 p.m. Tickets available from hall porter. Ladies may be invited by members.

(*Continued*)

12 SUNDAY (*Continued*)

Films — Four short films: "The Ancient New World"; "Leonardo da Vinci"; "Meeting in Space"; and "Notes sur un triangle". Museum Theatre. 2 p.m. Free.

13 MONDAY

Lecture — "British Universities: Recent Developments". Sir James Duff, Centennial Professor. Cody Hall, School of Nursing. 8.30 p.m.

Music — Organ Recital by Dr. Melville Cook, formerly of Hereford Cathedral, England. Convocation Hall. 5.05 p.m.

14 TUESDAY

Lecture — University of Toronto Lectures in Drama. "The Decor of Drama", illustrated. James Laver, Keeper of the Departments of Engraving, Illustration and Design, Victoria and Albert Museum, 1938–59. Hart House Theatre. 4.30 p.m.

Graduation — Royal Conservatory of Music Graduation Exercises. Speaker: Dr. Murray Ross, President, York University. Convocation Hall. 8.15 p.m.

Opening — ROM Gallery of Mineralogy, made possible by a grant from the International Nickel Co. of Canada Ltd., opens after four years' preparation.

Athletics — Soccer. Waterloo at Varsity. Back Campus. 3 p.m.

15 WEDNESDAY

Lectures — "Economic Theory and Contemporary Society". Prof. Harry G. Johnson, Centennial Professor. Convocation Hall. 8.30 p.m.

"Aspects of Evolution in Fossil Vertebrates", a series of six lectures by Dr. W. E. Swinton, Centennial Professor. First lecture: "The Link Between Invertebrate and Vertebrate". Room 2117, Sidney Smith Hall. 4 p.m.

Science Lecture Series. "Scanning and Probing the Milky Way". Dr. D. A. MacRae. Erindale College. 8 p.m.

Tour — Ten-to-One Tours. English Furniture is the topic of the weekly ROM 30-minute tour. Main rotunda. 12.50 p.m.

Athletics — Volleyball. McMaster at Varsity. Hart House. 8 p.m.

16 THURSDAY

Lectures — Centre for Medieval Studies. "Poetry and Propaganda at the Court of Honorius". Alan Cameron, visiting professor of Byzantine Studies, Columbia University. Upper Library, Massey College. 4 p.m.

"Managerial Compensation". Prof. E. E. Lawler III, Department of Administrative Sciences, Yale University. School of Business. 4 p.m.

Second of two lectures in the series University of Toronto Lectures in Drama. "The Costume of Drama" illustrated with slides. James Laver. Hart House Theatre. 4.30 p.m.

Graduate Department of Classics. "The Rite of Sacrifice in Greek Art". Prof. M. H. Jameson, dean of the Graduate School of Arts and

(*Continued*)

16 THURSDAY (*Continued*)

Sciences, University of Pennsylvania, Philadelphia. Room 240, Trinity College. 4.30 p.m.

"A Way Out Chinese Painter". Peter Swann presents an illustrated lecture on Chin Nung, the leader of a group of 18th century artists in China known as "The Eight Eccentrics of Yang-chou". Museum Theatre. 8.30 p.m. ROM members free; non-members $1.

Seminar — Institute of Aerospace Studies. "Research Management Seminar No. 2". F. Thurston, National Aeronautical Establishment. 2 p.m.

Party — New Members' Cocktail Party. Faculty Club. 5.30 to 7.30 p.m.

17 FRIDAY

Seminars — Graduate Department of Classics. "Problems of Greek Sacrifice", seminar for staff and graduate students. Prof. M. H. Jameson. Room C, Trinity College. 4.30 p.m.

Centre for Medieval Studies. "The New Monument of a Charioteer Called Porphyrius Found in Constantinople". Prof. Alan Cameron. Upper Library, Massey College. 4 p.m.

Music — "Oedipus Rex" by Igor Stravinsky. Royal Conservatory of Music Opera School. Nov. 17, 18, 20 and 21. MacMillan Theatre, Edward Johnson Building. (Tickets available from theatre box office.)

18 SATURDAY

Lecture — Royal Canadian Institute. "Canada's Athabaska Tar Sands". Edward D. Innes, project manager for the design and construction of the Great Canadian Oil Sands Ltd. project for development of the Athabaska tar sands. Convocation Hall. 8.15 p.m.

Party — Children's Santa Claus parade party. 10 a.m. Restricted to members and their children. (Please make reservations by Nov. 6.)

19 SUNDAY

Music — Youth Concert conducted by Wilson Swift, features percussion instruments, brass and harp. Scarborough College. 3.45 p.m.

Service — Massey College Chapel Service. Music by John Dowland, Robert White, John Hilton and John Blow. 5 p.m.

20 MONDAY

Lecture — "New Universities in the Commonwealth". Sir James Duff, Centennial Professor. Cody Hall, School of Nursing. 8.30 p.m.

Colloquium — Department of Computer Science. "Parallelism in Numerical Analysis". Dr. W. L. Miranker, T. J. Watson Research Center, IBM, Yorktown Heights, N.Y. Room 134, McLennan Laboratories. 4 p.m.

Music — Organ Recital by Dr. Charles Peaker. Convocation Hall. 5.05 p.m.

22 WEDNESDAY

Lectures — "A Fish Gives Rise to the Amphibia". Dr. W. E. Swinton, Centennial Professor. Room 2117, Sidney Smith Hall. 4 p.m.

(*Continued*)

22 WEDNESDAY (*Continued*)

Science Lecture Series. "Giants and Giantism". Dr. William E. Swinton. Erindale College. 8 p.m.

Tour — Ten-to-One Tour. Culture and civilization of Greece is the topic of this tour. Museum main rotunda at 12.50 p.m.

23 THURSDAY

Seminar — Institute for Aerospace Studies. "Research Management Seminar No. 1". P. Lapp, DeHavilland. 2 p.m.

Lectures — Graduate Department of French. "Villon et Charles d'Orléans". Daniel Poirion, University of Grenoble, visiting professor of French, Yale University. Room 106, U.C. 4.10 p.m.

"How Canadians Dig It". Dr. A. D. Tushingham discusses various ROM expeditions around the world. He has just completed excavations at the old city of Jerusalem. Museum Theatre. 8.30 p.m. ROM members free; non-members $1.

24 FRIDAY

Convocation — Fall Convocation and conferring of honorary degrees on Miss Jean Sutherland Boggs, Dr. Michael Polanyi and Stephen B. Roman. Dr. Polanyi will address Convocation. Convocation Hall. 8 p.m.

Lecture — Committee on the History and Philosophy of Science. "Alkaloids—their Discovery and its Significance". Prof. G. R. Paterson. Room 102, Mechanical Building. 1.10 p.m.

Theatre — Centre for the Study of Drama and Hart House Theatre presents the second play of the season, John Whiting's "The Devils", directed by Peter Ebert, designed by Murray Laufer. Nov. 24 to Dec. 2. 8.30 p.m.

Supper — Faculty Club Buffet Supper. 5.30 to 8 p.m.

25 SATURDAY

Lecture — Royal Canadian Institute. "The Vegetation Resource of British Columbia". Prof. Marcus A. M. Bell, Department of Biology, University of Victoria. Convocation Hall. 8.15 p.m.

Athletics — College Bowl football game. Varsity Stadium. 1 p.m.

26 SUNDAY

Music — Hart House Glee Club and Boys' Choir; conductor Walter Barnes. Scarborough College. 3.45 p.m.

"J. S. Bach and Handel". Boyd Neel conducts the Hart House Orchestra. Great Hall. 8.30 p.m.

Film — One feature film: "The Mystery of Stonehenge", in colour. Museum Theatre. 2 p.m. Free.

27 MONDAY

Lecture — School of Social Work "Minds on the Move" lecture series. "Protecting Human Rights in Ontario". Dr. Daniel G. Hill, director, Ontario Human Rights Commission. Convocation Hall. 4 p.m.

28 TUESDAY

Music	Concert by the Orpheus Choir of Toronto, directed by John Sidgwick. Works by Bach, Brahms, Willan, Kodály, Beckwith, Williams, Handel, Robertson, Archer, Britten, Weelkes and Seiber. Eaton Auditorium. Reserved seats; mail orders accepted. Box office open Nov. 18. ($4, $3, $2.50, $1.50.) UN 1–1144.

29 WEDNESDAY

Lecture	"An Amphibian Gives Birth to Reptiles". Dr. W. E. Swinton, Centennial Professor. Room 2117, Sidney Smith Hall. 4 p.m.
Tours	Ten-to-One Tours. Two tours: on Athens and on Egypt. Both start at 12.50 p.m. in the ROM main rotunda.

30 THURSDAY

Lecture	University College Series. "How Do You Mean?" Prof. J. F. M. Hunter. West Hall, U.C. 4.10 p.m.
Seminar	Institute of Aerospace Studies. "NASA's Involvement in Material Science". S. S. Manson, NASA. 2 p.m.
Athletics	Volleyball. Guelph at Varsity. Hart House. 8 p.m.

Exhibitions

"Living Legacy: A Tribute to Sigmund Samuel". A selection of more than 200 objects obtained by the ROM through the generosity of Sigmund Samuel is on display in Exhibition Hall until Dec. 26.

"Calligraphy in Islamic Textiles". An exhibition of fabrics from the 9th to the 12th centuries is on view in the ROM Lower Rotunda until Nov. 19.

"Discovery and Mapping of Upper Canada". An important exhibit of 50 historic maps going back almost 500 years is on display in the Sigmund Samuel Canadiana Building until Dec. 30.

"Scholarly Books from Israel". From Nov. 6 to 10 an exhibition of 100 books and learned journals published in Israel in English in the fields of archaeology, science, law, and other areas will be held in the University Book Room.

St. Andrew's Day Nursery

October 10th marked the official opening of St. Andrew's Day Nursery for children of University parents. The Day Nursery was established, after nearly two years of planning, by an enthusiastic group of women graduate students, working alongside officials of the University. Although primarily for children of graduate students, the Day Nursery has a few openings for children of staff members. Further information may be obtained from Miss Nancy Burpee at the School of Graduate Studies.

DEADLINE: NOVEMBER 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the December issue must reach the editor (Room 225, Simcoe Hall, telephone 929–2102) *not later than November 15.*

Appointments and Promotions

Administration

Miss Lois Reimer has been appointed director of student awards in the Office of the Vice-president and Registrar. Miss Reimer has done administrative work in the University of Manitoba and in the University of Toronto. She left Toronto four years ago to take a post under Dr. Edward Sheffield in the Research and Information Division of the AUCC, and returned last year as senior awards officer.

Norman L. Williams has been appointed director of deferred giving in the Development Office. Graduate of this University and the University of Western Ontario, Mr. Williams served with the Department of Trade and Commerce, Trade Commissioner Service, from 1960 to 1965 in Ottawa; Lagos, Nigeria; Glasgow; and London, England.

Arts and Science

In last month's *Bulletin*, we neglected to state, in announcing appointments of R. M. Savory as chairman of the Department of Islamic Studies and G. F. D. Duff as chairman of the Department of Mathematics, that these appointments would not become effective until July 1, 1968.

D. P. Kerr has been appointed acting chairman of the Department of Geography.

G. E. Macdonald has been appointed associate chairman of the Department of Psychology.

The appointment of Miss Ella Marmura (Islamic Studies) as assistant professor, not associate professor, is effective from Jan. 1, 1968.

University College

T. M. Robinson, who is a visiting associate professor of Classics, took his first degree at Durham and then went on to take a B.Litt. at Oxford. The University of Toronto Press is publishing his book on *Plato's Psychology*.

J. Shiel who comes to us as a visiting associate professor of Classics holds a London M.A. and an Oxford D.Phil. His book entitled *The Impact of Greek Ideas on Christianity* is in the Press. He is at present senior lecturer in Classical and Medieval Studies at the University of Sussex.

Réjean Robidaux, appointed associate professor (French), last year held a visiting professorship established by the Varsity Fund for scholars from French Canada. He was formerly professor of French at the University of Ottawa.

John K. Gilbert (French), appointed assistant professor, has also been appointed to New College. He is a graduate of Oxford with a Ph.D. from Harvard, and has taught in universities in the United States and France, and in Italy at the British Institute. His special field is 20th-century French Literature, and in particular the novel.

Emile Lehouck, also appointed assistant professor (French), has devoted most of the last ten years to research in Belgium and France, returning to teaching last year as chargé de cours at the Université officielle du Congo at Lubambashi.

Paul Vernois has been appointed visiting professor (French) for the fall term. He has been professeur titulaire de la chaire de Littérature Française du XX^{e} siècle a là Faculté des Lettres et Sciences Humaines de Strasbourg, and directeur de l'Institut d'Etudes Françaises Modernes, Faculté des Lettres et Sciences Humaines de Strasbourg. His main interests, the modern French novel and contemporary French theatre, will be reflected in his courses and lectures.

F. Talmage, formerly in the Department of Hebrew and Semitic Studies at the University of Wisconsin, has joined the Department of Near Eastern Studies with the rank of assistant professor.

Scarborough College

Leonard E. Doucette has been appointed assistant professor in the College, and also in the Department of French, University College. Educated at St. Thomas University, N.B., King's College, London, and Brown University, he was last year at the University of Pennsylvania. He previously taught at Brown and St. Thomas Universities. His main interest is in 17th-century French literature and thought.

J. N. Grant, B.A. (Cantab), M.A. (Edinburgh) has been appointed assistant professor (Classics). He comes from the University of Manitoba.

J. S. Moir has been promoted to the rank of professor in the College, and also in the Department of History.

Graduate Studies

Dr. J. C. Laidlaw, professor of medicine and director of the University's Clinical Investigation Unit in the Toronto General

Hospital, has been named director of the Institute of Medical Science, recently established within the School of Graduate Studies.

The purpose of the Institute will be to prepare for the degrees of Master of Science and Doctor of Philosophy suitable candidates who wish to specialize in the intensive clinical investigation of disease. The hope is that it will also encourage and facilitate interdisciplinary studies by cutting across barriers that exist between various clinical and basic science departments. "The ideal situation", a brief to the Senate recently pointed out, "is one in which clinical and basic scientists work closely together, each providing ideas and techniques for the other".

Candidates will usually be medical graduates who have had training in one or more of the basic sciences, over and above that required for the medical course. However, the Institute will also be interested in scientists and engineers who do not have medical qualifications. The Institute will function mainly in special areas of the teaching hospitals affiliated to the University.

Dr. Laidlaw was born in Toronto, Feb. 28, 1921. He gained his B.A. at U. of T. in 1942, his M.D. in 1944 and his M.A. (in biochemistry) in 1947, and three years later his Ph.D. in the University of London. He became a Fellow of the Royal College of Physicians of Canada in 1955. Dr. Laidlaw spent several years in the Harvard Medical School and the Peter Bent Brigham Hospital, Boston, and held the Markle Fellowship in Medical Science, 1953–58.

Architecture

A. John Dakin has been appointed chairman of the Department of Urban and Regional Planning, one of three departments in the Faculty of Architecture, Urban and Regional Planning and Landscape Architecture, formerly the School of Architecture. Prof. Dakin was head of the Division of Town and Regional Planning in the School from 1961. Educated in England, he gained experience with Le Corbusier in Paris and with Alfred Roth in Switzerland. He spent eight years in South Africa following the war, took a degree in the social sciences, and his Ph.D. in the University of Natal. Before coming to Toronto Prof. Dakin was in private practice in England, and previously was on the University of Natal staff, and deputy planner for towns in Natal.

John Andrews has been appointed chairman of the Department of Architecture. Educated in Australia and at Harvard, he came to Toronto after his plan for Toronto's new City Hall had won second place. He won the Massey Medal for his part in the work on Scarborough College. Prof. Andrews has been on the School of Architecture staff and also carried on private practice. He has recently worked on three projects for Expo '67.

Richard A. Strong has been appointed chairman, Department of Landscape Architecture. Educated at Ohio State University and at the Graduate School of Design at Harvard, he opened an office in Toronto in 1961 and joined the University staff in 1964. He is working with several universities and on urban site projects, parks and conservation areas, housing, highway design and exhibitions, including Expo '67. With Prof. Hough he has been largely responsible for establishing the undergraduate program in Landscape Architecture here.

Emil Van der Meulen has been appointed assistant professor (Landscape Architecture). He graduated from Hilversum Gymnasium, Holland and Michigan State University and received his master's degree from the Harvard Graduate School of Design in 1961. He has held positions in public and private offices, including the post of senior landscape architect to the National Capital Commission, Ottawa, and is in private practice in Toronto.

The following have been promoted to associate professors: A. J. Diamond, W. S. Goulding, D. H. Lee, G. A. Robb, F. A. Watts and R. Whiteley (Architecture); M. Hough (Landscape Architecture).

Medicine

J. C. Hill has been promoted to the rank of professor (Ophthalmology). He will replace Dr. Macrae in this post and as senior ophthalmologist at the Toronto General Hospital. Dr. Macrae will continue as a special lecturer in the Department of Ophthalmology.

R. A. Mustard (Surgery) part-time, has been promoted to professor.

The following have been promoted to the rank of associate professor: R. Anwar (Biochemistry); J. M. Finlay (Medicine); C. Collins-Williams (Paediatrics).

Promoted to assistant professors are: G. F. Smith (Anaesthesia); R. Wilson (Obstetrics and Gynaecology); J. Gollom (Otolaryngology); M. J. Lynch and D. Pantalony (Pathology); G. Steiner (Physiology); R. Pos (Psychiatry); and B. J. Reilly (Radiology).

D. W. Clarke has been named acting

chairman of the Banting and Best Department of Medical Research.

B. Rosenfeld has been promoted to assistant professor.

Library Science

Patrick R. Penland, director, Division of Library Science, Southern Connecticut State College, New Haven, has been appointed visiting professor for the first term, 1967–68. Dr. Penland received his B.A. degree in Psychology and English from the University of British Columbia, his B.L.S. degree from McGill, and his A.M.L.S. and Ph.D. degrees from the University of Michigan.

Miss Mavis O. Cariou, formerly librarian, West Humber Collegiate, Etobicoke, has been appointed assistant professor. Miss Cariou graduated from the University of Toronto (University College) with a B.A. in English Language and Literature and with Bachelor's and Master's degrees in Library Science.

Mrs. Katherine H. Packer, formerly chief librarian of the College of Education, has been appointed assistant professor. She is a graduate of the University of Toronto (University College) where she earned her B.A. in Modern Languages and of the University of Michigan where she received her A.M. degree in Library Science.

Forestry

Erik Jorgensen has been promoted to professor, and G. M. Wilson to the rank of associate professor.

Nursing

Mrs. D. M. Burwell has been promoted to the rank of associate professor (part-time).

Hygiene

R. D. Barron, M.C., C.D., M.D., D.P.H., D.I.H., was appointed associate professor of Public Health in the Department of Health Administration, and secretary of the School of Hygiene. Dr. Barron was formerly director of Preventive and Industrial Medicine, Canadian Forces Medical Services, Headquarters, Department of National Defence.

H. Moghadam, B.Sc., M.D., M.P.H., C.R.C.P.(C) has been appointed assistant professor, Department of Health Administration. Dr. Moghadam was formerly director of Medical Services, Metropolitan Health Services, Greater Vancouver, Vancouver, British Columbia.

A. P. Ruderman, B.Sc.(Econ.), M.B.A., M.A., Ph.D., has been appointed professor of Health Administration (Social Science Section) in the Department of Health Administration. Dr. Ruderman was formerly Economics Adviser to the Pan-American Sanitary Bureau, American Regional Office of the World Health Organization.

Extension

Warren S. Jevons has been appointed supervisor, with responsibility for certain non-credit in the Business and Professional section. Mr. Jevons is a graduate of McMaster University. In addition to business experience, he has taught in both the public and secondary schools in Ontario.

B. R. Adamson has been appointed assistant, with responsibilities in the degree section. A graduate of the U. of T. he previously worked with the North American Life Assurance Company in the field of Systems and Planning.

The Library

Herbert C. Sholler has been appointed assistant librarian and head of the Science and Medicine Department. He comes from the State University of New York in Buffalo, where he was assistant director of libraries for Science and Engineering. Mr. Sholler received his degree from the University of Michigan, and for a time was in charge of the Chemistry and Mathematics libraries there.

Criminology

Dr. M. C. Courtis, B.Sc., Ph.D. (London), has been appointed senior research associate, and T. G. Tennent, M.A., B.M., B.Ch. (Oxon.), research associate. Mrs. Susan Binnie, B.A. (Cantab.), M.A. (Tor.) and Miss Barbara Schloss, B.A. (Tor.) have been promoted to senior research assistant. Three new research assistants have been appointed to the staff: Mrs. Diane Barlow, B.S. (Auburn), Miss Inez Dootjes, B.A., D.Crim. (Melbourne) and Mrs. Audrey Mank, B.A. (Tor.).

Miss Carol Jones has taken over the post of librarian for the Centre.

Prof. J. Ll. J. Edwards, director of the Centre, is on leave of absence at Churchill College, University of Cambridge. During his absence J. H. Sword is acting director, and Peter Macnaughton-Smith, senior statistical adviser, is in charge of daily administration.

Royal Ontario Museum

Dr. Helmuth Fuchs has been appointed associate curator (Ethnology). Dr. Fuchs has been engaged in ethnographic work in Venezuela.

H. A. Hickl-Szabo has been promoted to associate curator (European); Mrs. N. Leipen to curator (Greek and Roman); and T. C. Young to associate curator (West Asian).

Other Universities' Libraries Open to the U of T Staff

Members of the University of Toronto teaching staff now have personal access to the resources of 13 other university libraries of Ontario, through a scheme adopted by agreement between the Ontario Council of University Librarians and the Ontario Council on Graduate Studies, and approved by the Committee of Presidents of Universities of Ontario. The same service is available to staffs, and graduate students also, of all the provincially-assisted universities.

Faculty members who wish to visit the library of another university may obtain an introduction card from the office of the Chief Librarian. Because the space in some libraries is limited, advance notice of a visit may have to be given on occasions.

Visiting privileges include normal library facilities, reference service and photo copying, but not the direct borrowing of library materials. The visitor may examine material he may wish to borrow later in order to ensure that obtaining it through the inter-library loan plan will be worth the time and cost. A teletype network connecting the co-operating libraries expedites inter-library loans, requests for visits, and the location of needed materials.

The O.C.U.L. is preparing a handbook listing hours and regulations of co-operating libraries and is planning a general guide to collections and resources.

Inter-library loans have been speeded up by a daily transit service among 12 of the 14 university libraries. A station wagon service, administered by the O.C.U.L. and financed by the C.P.U.O., operates five days a week. Books are now received by the borrowing library from another university within 36 hours (at most) of a teletyped request.

Because of the distance involved, Laurentian University at Sudbury and Lakehead at Port Arthur will continue to be served by air parcel post.

NOTES

Administration

Dr. Claude Bissell received an honorary degree at the Commemorative Centennial Convocation of Prince of Wales College, Charlottetown, on Sept. 29.

Arts and Science

Dean A. D. Allen spent one week in Japan and gave an invited paper on Sept. 22 at a meeting held in Osaka on "Molecular Complexes of Hydrogen, Oxygen and Nitrogen".

Prof. F. E. Beamish has been appointed to the editorial board of *Analytical Letters.*

Prof. M. Bersohn has been appointed to the editorial board of *Spectroscopy Letters.*

Prof. J. B. Jones attended the 50th Canadian Chemical Conference, Toronto, June 4–7, and was co-author of the following papers: "Mechanistic Studies on the Δ^5-3-Ketoisomerase of Pseudomonas testoseroni"; "On the Mechanism of Action of Cardiac C'yeosides"; and "Long Range Effects on the Diagomethane Ring A Homologation of Steroid-3-Ketones". Prof. Jones also attended the Seventh International Congress of Biochemistry, Tokyo, Aug. 19–25, following which he gave a lecture on "Some Chemical Studies Related to Steroid Metabolism" at the Shionogi and Company Research Laboratories, Osaka.

Prof. Peter Yates lectured on "Some Recent Work on Organic Photochemistry" at the Research Laboratories of the Ciba Pharmaceutical Company, Summit, N.J. on Aug. 22.

Colloquia have been given in the Department of Chemistry under the auspices of the School of Graduate Studies by Prof. R. K. Hill, Princeton University.

Colloquia were also given in the Department of Chemistry by the following visitors:

Prof. M. C. R. Symons, University of Leicester; Dr. David N. Glew, Dow Chemical of Canada Limited.

Prof. Fred Watts has been appointed editor of the *Canadian Geographer*.

Prof. Larry S. Bourne attended the first annual meeting of the British Section of the Regional Science Association held at University College, London, in late August.

Prof. Ian Burton has been appointed to serve on the Geography Panel of the Behavioural and Social Sciences Survey Committee of the U.S. National Research Council.

Prof. B. Wilkinson has accepted an appointment as visiting professor at Duke University, N.C., from Feb. 1 to June 1, 1968.

Prof. J. M. Careless addressed the banquet of the American Association for State and Local History on Sept. 1 on "The Sociable Side of Confederation". He attended the Centennial seminar at St. John's, Nfld. on "Regionalism and Atlantic Canada", Aug. 20–25, and gave a paper on "Metropolitanism and The Atlantic Provinces". Prof. Careless advised on and produced a descriptive catalogue for the documents displayed in the new Parliamentary Museum, opened in the Ontario Legislative Buildings on Sept. 2.

Prof. M. R. Powicke has been elected to the Council of the Mediaeval Academy of America.

Prof. V. W. Bladen was moderator for a panel discussion on Canada's Foreign Trade Policy, at the 42nd Canadian Purchasing Conference in Montreal in July.

Prof. S. G. Triantis has returned from a year's leave of absence, during which he served as director of the Harvard University Development Advisory Service in Greece.

Prof. M. J. Hare was one of two speakers at the one day course on "The Carter Royal Commission on Taxation" sponsored by the Canadian Institute of Chartered Accountants, held in London, Ont., St. John's, Nfld., and in Halifax, in May. The latter was also sponsored by the Halifax Branch of the Canadian Tax Foundation and St. Mary's University.

Prof. Paul W. Fox gave a paper entitled "Regionalism and Confederation" to the Canadian Historical Association Centennial seminar held at the University of Saskatchewan, Saskatoon, on Aug. 23.

The official opening of the McLennan Physical Laboratories, which house the Departments of Physics, Astronomy and Computer Science, took place on Sept. 14. On this occasion, a program of distinguished lectures on topics of current interest was arranged: Prof. S. Chandrasekhar, Distinguished Service Professor of Theoretical Astrophysics, Enrico Fermi Institute of Nuclear Physics, University of Chicago: "Gravitational Collapse"; Prof. R. H. Dicke, Cyrus Fogg Brackett Professor of Physics, Princeton University: "Gravitation and the Sun's Rotation"; Dr. G. Herzberg, director, Division of Pure Physics, National Research Council, Ottawa: "The Problem of the Diffuse Interstellar Lines"; Prof. M. Kac, Professor of Mathematics, The Rockefeller University, New York: "High Speed Computing as a New Experimental Technique in Mathematics and Physics"; Prof. A. Kastler, Ecole Normale Superieure, University of Paris: "Interactions Between Atoms and Electromagnetic Fields Studied by Optical Pumping Techniques"; Prof. C. H. Townes, Professor at Large, University of California, Berkeley: "What an Intense Laser Beam Does to Matter and Vice Versa".

Prof. A. W. Brewer attended the General Assembly of the IUGG in Switzerland and the International Association of Meteorology and Atmospheric Physics at Lucerne from Sept. 24 to Oct. 3. He presented an invited review paper at Lucerne on "Ozone Measurements", on Wednesday, Sept. 27. Prof. Brewer was elected president of the International Ozone Commission.

Prof. J. M. Daniels visited Rice University, Houston, Texas, on Aug. 14 and gave a colloquium entitled "Nuclear Reactions with Oriented Target Nuclei".

Prof. M. Fowler visited Bell Telephone Laboratories, New Jersey on Aug. 30. He gave a seminar entitled "Kondo Bound States in Superconductors".

On July 13 Prof. R. List gave a seminar at the National Center of Atmospheric Research in Boulder, entitled "A Numerical Experiment on the Growth of Hailstones in a Model Hailstorm", attended a meeting of the Steering Committee of the U.S. National Hail Suppression Project, and on July 14, discussed mutual problems with scientists from ESSA (Environmental Science Services Administration), also in Boulder. On July 17–18, he consulted the Atmospheric Science Department of the Colorado State University in Fort Collins about a large icing facility planned at CSU and gave the following lectures: "Hailtunnels and Their Impact on the Understanding of Hailgrowth"; "New Results About the Heat and Mass Exchange of Hailstones". On July 24, Prof. List visited the Department of

Atmospheric Sciences at the University of Arizona, Tucson, and spent July 28 with the staff of the U.S. National Severe Storms Laboratory in Norman, Oklahoma, where he gave a seminar "Problems of the Modelling of Hail Growth". From Sept. 25 to 28, Prof. List attended the IUGG Congress in Switzerland and presented an invited contribution about "The Micro-physics of the Accretion Process" at the Cloud Physics Session of the International Association of Meteorolgy and Atmospheric Physics (IAMAP) and attended a meeting of the Ad Hoc Committee of Cloud Physics and Weather modification of IAMAP.

Prof. J. W. Moffat attended the IV Elementary Particle Physics Symposium at the Theoretical Physics Institute in Boulder, University of Colorado last August and gave invited lectures on "Topics in Strong and Weak Interactions". He also attended the International Theoretical Physics Conference on Particles and Fields, Aug. 28–Sept. 1, at Rochester University, N.Y. and the Heidelberg International Conference on Elementary Particle Physics, Heidelberg, Sept. 20–27. At the latter conference he gave two talks on "Axial Charge Equal Time Commutation Relations" and "High Energy Scattering and Regge Poles". While in Europe, he was invited to the University of Bonn, where he spoke on "Sum Rules in Strong and Weak Interactions", and also to the Institute of Theoretical Physics, Rijksuniversity, Utrecht, where he spoke on "Current Problems in Strong and Weak Interactions".

Prof. K. G. McNeill visited the Chalk River Nuclear Laboratories on Aug. 3 and gave a seminar on "Research with the Toronto Linac". He also attended the International Conference on Guidelines to Radiological Health in Montreal on Aug. 18 and gave an invited paper entitled "Radioactivity Hazard in Laboratory Techniques".

Prof. J. M. Perz gave an invited paper at the IEEE convention in Toronto on Sept. 26. The subject was a review of "Ultrasonics and the Physics of Normal and Superconducting Metals".

Prof. J. D. Poll visited the University of Guelph on Oct. 10 and gave a seminar entitled "The Hydrogen Molecule".

Prof. B. P. Stoicheff gave a set of three lectures on "Brillouin Scattering" at the Quantum Electronics Summer School, at Steamboat Springs, Colorado, July 10–13. He was invited to inaugurate an annual lecture series by the R.C.A. Victor Research Laboratories in Montreal, and gave a series of ten lectures on "Lasers and their Scientific Applications", Aug. 21 to Sept. 1.

In the Department of Physics, seminars were recently given by the following visitors: Dr. P. R. Antoniewicz, University of Texas; Dr. Fayya Zuddin, Enrico Fermi Institute, Chicago; Dr. G. Karl, University of Oxford; Academician V. A. Kotelnikov, Radio Engineering and Electronics Institute of the Academy of Sciences of the USSR, Moscow; Dr. E. Paschos, Stanford University; Dr. H. Pietschmann, Physikalisches Institut, University of Bonn; Academician A. M. Prokhorov, Lebedev Institute, Moscow; Prof. K. W. H. Stevens, University of Nottingham; Prof. M. Tinkham, Harvard University; Prof. C. H. Townes, University of California, Berkeley; Dr. J. Uretsky, Argonne National Laboratories; Dr. J. Zittartz, University of California, San Diego.

Prof. D. E. Berlyne delivered public lectures on "Nuevas tendencias en la teoria de la motavacion" and "El pensamiento dirigido" during his visit to the University of Veracruz, Xalapa, Mexico, July 31–Aug. 4. He presented a paper on "American and European Psychology" as part of a Symposium on "Perspectives on American Psychology: 75 years", at the annual meeting of the American Psychological Association, on Sept. 2–5 in Washington. On Oct. 3–5, he spoke on "The Development of the Concept of Attention in Psychology" at a conference on "Attention" at the National Physical Laboratory, Teddington, England.

Prof. G. B. Biederman has been awarded research grants from the National Research Council and the Ontario Mental Health Foundation.

Prof. C. D. Creelman chaired a session on "Decision Processes" at a meeting of the American Psychological Association in Washington, on Sept. 3.

Prof. J. J. Furedy presented a paper entitled, "The Effects of Repeated UCS-CS Trials With Surrogate UCS, Change From Repetition and a Time Estimation Task on the Electrodermal and Plethysmographic Components of the OR", at the annual meeting of the Psychonomic Society, Oct. 28, in Chicago.

Prof. J. A. Hogan spoke at a Zoology Colloquium in Groningen, Netherlands on Aug. 30, on "Some Problems in the Study of the Development of Behaviour Systems". On Sept. 22, in Stockholm, Sweden, he spoke at the 10th International Ethology Conference on "Development of Hunger in Young Chicks".

Prof. B. B. Murdock participated in the

Fourth California Conference on Verbal Learning at Lake Arrowhead, California, June 12–16.

Prof. C. Roger Myers as president of the American Association of State Psychology Boards, presided at the annual meeting of that Association in Washington, Sept. 1.

Prof. H. Floruk attended the summer meeting of the Linguistic Society of America at the University of Michigan, Ann Arbor, July 28 and 29.

At an international conference on "Fifteen Years of Change; a Schematic Review of the post-Stalin Era" held in Geneva, Switzerland, in September, Prof. Richard H. Marshall lectured on "Trends in the Changing Society: Religious and Intellectual Ferment in the USSR".

The Department of Zoology was host to the 20th annual meeting of the Society of Protozoologists, June 27–30. Approximately 200 delegates from seven countries participated. Discussions included sessions on the biology of malaria, trypanosomaisis, and other protozoa pathogenic to livestock. The local organizer was Jacques Berger, membership secretary of the Society.

Dr. Jacques Berger was appointed visiting research associate to the Laboratorie de Biologie Cellulaire of the Faculté des Sciences, Université de Clermont-Ferrand, France. Prof. Berger spent August at the Faculté's laboratory at Besse-en-Chandesse, Puy-de-Dôme, conducting research on the cytology of ciliate protozoa.

Dr. R. O. Brinkhurst addressed the Public Health Officers of Ontario at their annual conference, Sept. 21, in Brockville. The title of the paper was "On Worms and Germs". A similar talk was given to the Society of Biologists in Toronto, Oct. 19.

Dr. J. Machin was invited to take part in an expedition up the Amazon, on the research ship "Alpha Helix", sponsored by the University of California and National Science Foundation of the U.S. in May and June.

Prof. F. P. Ide attended the meetings of the Society for Industrial Microbiology held at the University of Western Ontario, Aug. 21–24 and gave, by invitation, a paper "Effects of Pesticides (Toxicants) on Stream Life" in a symposium on Microbiology and Water Pollution.

University College

Prof. W. J. N. Rudd read a paper on "Recent Trends in the Field of Horatian Studies" to the Classical Association of Canada at Ottawa on June 5.

Prof. P. G. Walsh read a paper on "Paulinus of Nola" to the Classical Association of Canada at Ottawa on June 6.

Prof. C. P. Jones read a paper on "Problems of Method in Greek Epigraphy" to a Classical Discussion Group at Harvard University, on July 17.

Prof. H. G. Schogt presented a paper on "The Auxiliary" at the Xth International Congress of Linguistics held in Bucharest, Aug. 28–Sept. 2.

Prof. R. J. Williams attended meetings of the American Oriental Society at New Haven, Conn., in March, and meetings of the Canadian Society of Biblical Studies at Montreal in May. He served as chairman for the section on Meroitic Studies at the XXVIIth International Congress of Orientalists at Ann Arbor, Aug. 13–19.

Prof. F. V. Winnett, accompanied by Prof. W. L. Reed of Lexington, Ky. devoted part of May and June to carrying out an epigraphical and archaeological survey of the Hail district in the North Arabian desert. He attended the XXVIIth International Congress of Orientalists at Ann Arbor and was appointed a member of the Consultative Committee of the Congress.

Prof. D. B. Redford participated in the excavations of the British School of Archaeology and the Royal Ontario Museum at Jerusalem during August and September. He also conducted research on inscriptions of the Egyptian New Kingdom in the British Museum and the Museo di antichità, Turin.

Dr. R. F. G. Sweet spent seven weeks working on the K volume of *The Assyrian Dictionary* of the Oriental Institute of the University of Chicago, in Chicago, where he also attended the meetings of the XVième Rencontre Assyriologique Internationale.

Dr. A. K. Grayson attended the Middle West Branch of the American Oriental Society at Holland, Mich. in April and was re-elected secretary-treasurer. Prof. Grayson read a paper "Late Babylonian Chronicle Series" at the XXVIIth International Congress of Orientalists. He spent the early summer in the United States and Britain doing research on his book, *Assyrian and Babylonian Chronicles.*

Victoria College

At a ceremony held in September at the City Hall of Paris, France, the president of the "Conseil Municipal" presented Prof. L. E. Rièse with the Silver Medal of the City of Paris for services rendered for the expansion of French in Canada. Prof. Rièse also took part in the Philosophical Colloquium in

memory of Lecomte du Noüy and addressed the Academy of the Art of Living on the expansion of French in Canada. She was also named the only corresponding member of the Academy outside France.

Prof. E. J. Revell, having been awarded a senior fellowship of the Canada Council, is spending a sabbatical year in Cambridge, U.K., where he is continuing his research into the Palestinian System of Hebrew vocalization.

Trinity College

Prof. William S. Rogers was a consultant to the Canada Council in Ottawa during the period May to August, 1967.

Profs. A. Dalzell and M. T. Wilson have been appointed to the Executive Committee of Corporation of Trinity College to represent the academic staff.

Prof. J. W. Cole is a member of the Curriculum Committee of the Department of Education of the Province of Ontario.

The Rev. Prof. Eugene R. Fairweather took part in the founding conference of "Societas Liturgica" at the Seminarium of the Netherlands Reformed Church, Driebergen, Holland, June 26–30. He attended the triennial meeting of the Faith and Order Commission, World Council of Churches, Bristol University, England, July 28–Aug. 9. He read a paper on "Some Contributions of Philosophy to Theological Renewal" at the Congress on the Theology of the Renewal of the Church, University of Toronto, Aug. 20–25.

St. Michael's College

Prof. P. B. Bilaniuk participated in a symposium on Clerical Celibacy at Notre Dame University, Indiana, Sept. 6–8, sponsored by the National Association for Pastoral Renewal and delivered a lecture on "Celibacy and Eastern Tradition".

Prof. D. Saint-Jacques attended a conference on "The Role of Canadian Universities in the Teaching of English and French as Second Languages" held at Laval University, Aug. 24–26.

Prof. Robert O'Driscoll attended a Joyce symposium in Dublin in June and has been appointed a member of the Organizing Committee for the next symposium to be held in Dublin in June, 1969. Prof. O'Driscoll also gave a lecture in August on "Yeats's View of History" at the Yeats International Summer School in Sligo and conducted a series of ten seminars on "Yeats's Development as Poet". He also read his own poems at a poetry reading in Sligo.

Medicine

Dr. R. Volpe attended the following meetings and presented papers on the subjects indicated: "Newer Developments in the Thyroiditis" at the Post-graduate Assembly, American Endocrine Society in Montreal; and "Radioablation of the Thyroid gland in Graves' Disease with high LATS assays" at the American Thyroid Association Meeting, Ann Arbor.

Dr. M. Lenczner participated in a course on "Recent advances in Infectious Diseases in Canada and Overseas" given at the School of Hygiene. He was the convener for "Practical Seminars in Tropical and Parasitic Diseases" given in the Toronto General Hospital for C.U.S.O. He also participated in an orientation program in the School of Missions Eastern Pentecostal Bible College, Peterborough, Ont.

Dr. A. T. Jousse and Dr. C. M. Godfrey presented a paper on "Rehabilitation Requirements for Electronic Medicine" at the Canadian Electronics Conference on Oct. 4.

Law

Profs. J. B. Milner and John Swan attended the ceremonies for the opening of the new building of the College of Law of the University of Saskatchewan in Saskatoon, Sept. 22–23.

Education

Prof. D. Clee was one of the speakers at the recent Toronto Principal's Conference held at St. Andrew's College, Aurora. He was also the key speaker at the Fall Teachers' Conference of the Bancroft area on Oct. 13.

Prof. J. W. Greig spoke to the trustees, principals and teachers in the Cornwall area on the topic "The Non-Graded School: Myth or Reality?" on Oct. 2. On Oct. 3 he conducted a seminar with principals on the topic "Continuous Progress: Some Emerging Patterns of Organization".

Profs. A. S. Nease and J. W. Greig attended "A Symposium on Social Policy: Local Control of Education" at the University of Saskatchewan on Oct. 5–7. Thirty-six participants from across Canada and the United States met to examine social, political and educational issues relating to local control of education.

The Department of Business and Commerce is again offering extension courses for secondary school teachers. Profs. L. J. LaFave and J. H. Dool are offering courses in Data Processing and Business Machines. The extension program now has an enroll-

ment of 55 students attending classes (for credit) from 5.00 p.m. until 10.00 p.m.

The mobile TV van will "get its tires wet" this week when it visits Deer Park School to televise a Mathematics lesson.

Library Science

Prof. Katharine Ball attended the meetings of the Canadian Library Association Steering Committee on the Study of Canadian Libraries, of which she is the chairman, and the meetings of the Canadian Library Association Council and Board of Directors, of which she is vice-president, at Edmonton from Sept. 29 to Oct. 2. She was present at the opening ceremonies of the Edmonton Centennial Library on Sept. 30.

Profs. Olga Bishop and Isabel McLean attended the meetings of the Council of the Canadian Library Association in Edmonton.

Prof. Margaret Cockshutt has been appointed chairman of a committee of the Ontario Association of College and University Libraries to prepare and conduct an annual survey of opportunities for professional development in Ontario academic libraries.

Profs. Land, Marshall and Penland attended a meeting of librarians of the Colleges of Applied Arts and Technology held at McMaster University on Sept. 28.

Prof. Isabel McLean has been appointed a member of the Legislation and Grants Committee, Ontario Library Association, and a member of the Committee on Training of Library Technicians, Canadian Library Association.

Prof. Nancy Williamson attended the Council meeting of the Ontario Library Association held in Hamilton on Sept. 30.

Music

Anton Kuerti was a member of the Performing Faculty of the Aspen Music Festival, Aspen, Colorado, this past summer.

Prof. M. R. Maniates read a paper on "Mannerism and Music: Problems in Style" at the May meeting of the Greater New York Chapter of the American Musicological Society. Prof. Maniates taught as visiting professor in the Department of Music during the 1967 summer session of Columbia University, New York City.

On Oct. 20, Prof. Godfrey Ridout received the honorary LL.D. degree from Queen's University, Kingston. Oct. 26 was the premiere of Prof. Ridout's ballet *La Prima Ballerina* performed at EXPO by the National Ballet Guild. Heino Heidon was choreographer.

Prof. Robert A. Rosevear lectured on "Music Education in Canada" at the University of Canterbury, Christchurch, N.Z. in July. In August he addressed area music educators on "Goals in Music Education" during a visit to Melbourne, Australia, and later spoke to the student body of the Conservatorium of Music, University of Melbourne, on "The Training of Music Teachers in Canada". The latter lecture was given at the invitation of Prof. George Loughlin, director of the Conservatorium and former member of the Faculty of Music staff.

Prof. Ezra Schabas represented the Canadian Music Council at a conference on music education in Asiatic countries in Teheran, Iran, Sept. 7–12. The event was sponsored by UNESCO.

Prof. Richard Johnston was elected vice-president of the Canadian Folk Music Society at the annual meeting in Kingston, Oct. 13–16.

Forestry

Dean J. W. B. Sisam attended the meetings of the Advisory Committee on Forestry Education of FAO (United Nations) which were held in Munich, Aug. 30 to Sept. 2. He is Canadian representative and chairman for this committee. During the week of Sept. 3, he and Prof. A. S. Michell attended meetings of the Union of Forest Research Organizations which were also held in Munich. In addition, Prof. Michell made a tour of logging operations in the Black Forest of Germany, Sept. 10–15. As a member of the Canadian delegation, Dean Sisam attended the Biennial Meeting of the North American Forestry Commission which was held in Mexico City during the week of Oct. 3.

Prof. J. J. Balatinecz and F. J. Keenan attended the annual meeting of the Forest Products Research Society in Vancouver, July 2–7. The theme of the conference was, "Total Utilization of Wood". Prof. Balatinecz attended the Lake States Tree Improvement Conference at Madison, Wisconsin, and presented a paper co-authored with Prof. J. L. Farrar entitled, "Tracheid Development and Wood Quality in Larch Seedlings Under Controlled Environment" on Sept. 12.

School of Graduate Studies

Prof. A. Alföldi, Professor Emeritus at the Institute for Advanced Study in Princeton, N.J., is one of the Centennial Professors this term, visiting the Graduate Departments of History of Art, and Classics. As well as

his three illustrated lectures on the general subject "Greek and Roman Art: A Mirror of Politics, Religion, and Literature," he conducted three seminars on Oct. 19, 26, and Nov. 2 on "The Roman State in the First Century of the Republic".

Prof. M. E. White went to the Maritimes during the week of Oct. 29–Nov. 4 under the auspices of the Classical Association of Canada to lecture at the University of New Brunswick, Mount Allison University, St. Francis Xavier University, Saint Dunstan's University in Prince Edward Island, and Memorial University in Newfoundland.

Pharmacy

At the symposium of the Canadian Academy of the History of Pharmacy, Aug. 15, Prof. E. W. Stieb presented a paper on "One Hundred Years of Canadian Pharmacy Organization"; and Prof. D. R. Kennedy spoke on "One Hundred Years of Canadian Pharmacy Legislation".

Prof. J. G. Nairn chaired the Teachers' Conference of the Canadian Conference of Pharmaceutical Faculties in Toronto, Aug. 12, at which the topic was "Pharmacy Courses for Today". Prof. Kennedy presented the "Summary of Teachers' Conference".

Prof. Nairn and Dr. V. Chivers-Wilson attended the Ninth Annual Industrial Pharmaceutical Research Conference at Land O'Lakes, Wisconsin, June 11–15.

Applied Science and Engineering

Prof. D. G. Andrews has been appointed a member of the Educational Development Committee of the American Nuclear Society.

Prof. W. H. Rapson was re-elected for a three year term to the President's Council representing the Faculties of Applied Science and Engineering, Forestry and Architecture. Dr. Rapson was co-author with C. C. Hong of a paper on "Kinetics of Disproportionation of Chlorous Acid" and with F. Lenzi of a paper on "Specific Ion Effects on the Rate of Chlorine Dioxide Formation by the Chloride-Chlorate Reaction", both presented at the 50th Canadian Chemical Conference, June 4–7. Also, Prof. Rapson was in Mexico, Sept. 11–17, as a consultant on the design of a new pulp bleaching plant.

Prof. O. Trass attended the 17th Canadian Chemical Engineering Conference at Niagara Falls, Oct. 16–18. He was chairman of the "Free Forum for Research" where most recent research ideas and results were presented, and he presented a paper "Simultaneous Heat and Mass Transfer through Laminar Boundary Layers in Combined Forced and Free Convection". This paper was co-authored by Dr. H. J. Barton.

Prof. H. L. Williams has been elected chairman of the Polymer Science Seminar Series for 1967–68. He recently attended a symposium on "Interface Conversion for Polymer Coatings" held at the General Motors Research Center in Detroit and a meeting of the Editorial Board of *Rubber Reviews* of the Division of Rubber Chemistry of the American Chemical Society.

Dr. A. P. Bernhart attended the conference of the American Institute of Planners on the Environment for the next 50 years, held in Washington, Oct. 1–7. In discussions there, Dr. Bernhart examined the concept of a desirable environment for high density living. The prevailing opinion of the conference was that some form of low density suburbia is wanted by most North Americans.

Prof. S. J. G. Bird and R. G. Tress spent a week of July at Great Whale River, on the east coast of Hudson's Bay, performing field checking to determine the causes for different terrain patterns appearing on panchromatic, infra-red black and white and infra-red colour film that had previously been taken.

Prof. T. C. Kenney gave a special lecture entitled "A Review of Recent Research on the Strength and Consolidation of Sensitive Clays" at the Twentieth Canadian Soil Mechanics Conference in Quebec City, Sept. 14–15. He attended the European Conference on the Shear Strength of Natural Soils and Rocks in Oslo, Norway, Sept. 19–22, to which he contributed, as author or co-author, five papers concerning the engineering behaviour of Norwegian clays, and he acted as general reporter for the Technical Session on Soft Clays. On Sept. 26 and 27 he gave lectures at the University of Manchester and at Imperial College, London, on the subjects of "Shearing Resistance of Quick Clays" and "Residual Strength of Pure Minerals and Natural Soils".

Dr. J. Schwaighofer presented a paper on Sept. 28 to the Joint Area Committee in Toronto entitled, "Shearwall Structures".

A. Berndl presented a paper at the conference of Metallurgists of the Canadian Institute of Mining and Metallurgy at Queen's University on Aug. 28 entitled "Design and Construction of the Lake Dufault Treatment Plant".

Prof. J. Vlcek attended the 31st Photogrammetric Weeks in Karlsruhe, W. Germany, Sept. 21–Oct. 5 and gave a lecture on "Corrections to Image Co-ordinates in Analytical Photogrammetry". He also visited the Department of Photogrammetry at University College, London. On Sept. 19 he attended the International Symposium on Orthophotomaps in Ottawa.

Prof. Slemon and R. Ramamoorty attended the IEE Summer Power Convention, Portland, Oregon, July 12–14 and presented a paper entitled "Analysis of Synchronous Machine Transients using Phase Parameters".

Prof. A. J. Kravetz and Prof. G. R. Slemon attended the annual meeting of the American Society for Engineering Education at the Michigan State University, East Lansing, June 19–23. Prof. Slemon has been appointed to the Awards Committee of the ASEE.

Prof. W. Janischewskyj participated in the Summer Power Meeting of the IEEE in Portland, Oregon from July 9 to July 12. He presented a paper by Dr. J. M. Undrill entitled "Dynamic Stability Calculations for an Arbitrary Number of Interconnected Synchronous Machines". As past-chairman, he represented the Toronto Power Chapter at the meeting of the Power Group Council. He also took part in the Radio Noise Subcommittee meeting in which he is a member of Working Group 3 "Line Design (Analysis)". In August he was appointed Canadian representative to the Chapters Committee of the IEEE Power Group.

The Faculty of Applied Science has set up an Experimental Teaching Unit to study methods of increasing the efficiency of teaching in the Faculty. The chairman is Dr. A. Porter (Industrial Engineering) and the secretary is Prof. I. R. Dalton (Electrical Engineering). Other members are: F. A. DeLory, Civil Engineering; R. L. Hummel, Chemical Engineering; L. E. Jones, Mechanical Engineering; H. O'Beirne, Bio-medical Electronics; B. Ramaswami, Metallurgy and Materials Science and S. D. T. Robertson, Electrical Engineering. The first action of the unit is the setting up of a small television system with a studio and playback to two lecture rooms. The unit hopes to co-ordinate and expand all the audio-visual facilities in the faculty and also to consider such matters as computer-assisted instruction.

Prof. K. G. Balmain took part in a panel discussion on the future of antenna research and development held at the International Electronics Conference, Toronto, Sept. 25–27.

Prof. P. P. Biringer attended, as chairman, the Accreditation Board of the Canadian Council of Professional Engineers in Ottawa, Sept. 7 and 8. He also attended the meeting of the ECPD in Toronto as a Canadian observer on Sept. 28 and 29.

Prof. M. C. Currie attended the National Technical Conference of the Illuminating Engineering Society in Montreal from Sept. 10 to 13. At the meeting her election as a Fellow of the Society was announced.

Prof. I. McCausland was a member of the Technical Programme Committee for the International Electronics Conference held in Toronto, Sept. 25 to 27.

Prof. S. D. T. Robertson presented an invited paper on "Thyristor Frequency Conversion" to the Power Semiconductor Symposium, University of Missouri, Sept. 21 and 22.

Prof. G. Sinclair attended a meeting on Sept. 20 of a special Committee at IEEE Headquarters studying problems in biomedical engineering. He also attended the International Electronics Conference in Toronto, Sept. 25–27, and chaired one of the panel sessions on antennas.

Prof. G. R. Slemon attended the International Conference on Magnetism in Boston, Sept. 13 to 15, and attended a meeting of the Administrative Committee of the Magnetics Group, Institution of Electrical and Electronic Engineering.

S. D. T. Robertson attended the IEEE Summer Power Meeting in Portland, Oregon, July 10–15, and presented two papers on "High Speed Solid State Phase Comparison Relays".

Prof. George Sinclair attended a number of meetings during July and August in his capacity as chairman of the IEEE Committee of Consultants on Engineering in Medicine and Biology. He attended an international meeting of bio-medical engineers at EXPO, July 26–29, discussing the applications of engineering to health problems in the underdeveloped nations.

Prof. J. W. Abrams presented a seminar at York University entitled "The State of Operations Research in Canada" on Sept. 21.

Prof. P. J. Foley attended a meeting of the Human Factors Advisory Group to the NATO Science Council, as the Canadian member of the Advisory Group, in Paris from Sept. 18–20. He attended a conference on the "Concept of Attention in Neurophysiology" held at the Autonomics Division of the National Physical

Laboratories, Teddington, England, as an invited observer from Oct. 2–5.

Dr. F. P. J. Rimrott participated in the Second IUTAM Symposium on the Theory of Thin Shells held in Copenhagen, Denmark, Sept. 5–9.

Prof. G. B. Craig presented a paper "Deformation of Zirconium-Oxygen Polycrystalline Alloys" at the conference of Metallurgists in Kingston, Aug. 28.

Profs. L. M. Pidgeon and J. M. Toguri attended the conference of Metallurgists in Kingston, Aug. 27–30.

Prof. S. N. Flengas attended the Gordon Research Conference on Molten Salts, Meriden, N.H. Aug. 27 to Sept. 1.

Prof. B. Ramaswami will attend the Metallurgical Society meeting of the American Institute of Mining and Metallurgy in Cleveland, Oct. 16 to 20.

Prof. H. R. Rice has been appointed general chairman of the Fifth Canadian Symposium on Rock Mechanics, to be held in Toronto Dec. 5–7, 1968. Prof. Rice, attended the Fifth International Mining Congress held in Moscow, U.S.S.R., July 10–15. En route to Moscow he visited mines and industrial plants in southern and western Poland as a guest of the Ministry of Heavy Industry of the Republic. On June 30 he attended the Convocation of the Faculty of Medicine of the University of Prague, on the invitation of the rector.

Social Work

Prof. D. Bellamy acted as consultant to the Hospital for Sick Children on a research project of medical social service.

Prof. F. Bregha has also acted as consultant with ARDA in Ottawa, with the Indian Community Development Office in the Social and Family Services Department of the Provincial Government in Toronto, and with the new Canadian Catholic Conference on Aid to Underdeveloped Countries (in process of organization) in Ottawa.

Dr. A. J. O. Farina was consultant with the North York Social Planning Council on "Parks as a Social Utility". He addressed the "kick-off" dinner of the United Appeal of Welland on Sept. 21 on the subject "Human Services in the Computer Age". Dr. Farina was re-elected to the Board of Directors of the University Settlement.

Dr. Charles Hendry presented a paper on "Public Response to Public Welfare Legislation" at the Centennial Conference of the Institute of Public Administration of Canada, McMaster University, Sept. 7. He participated in a joint consultation between representatives of the University of the West Indies and the University of Toronto at Simcoe Hall, Sept. 14–16; was appointed general chairman of a Canadian Conference on Poverty being planned by an ecumenical committee on the Church and Industrial Society at an organization meeting in Montreal on Sept. 19; and directed a four-day seminar on "Channeling Social Change" following the inauguration by the Chief Justice of the U.S. Supreme Court of the new Roger and Gladys Straus Center for the Advanced Study of Human Relations of the Institute of Man and Science in Albany and at Rensselaerville, New York, Sept. 23–27.

G. McLellan delivered a series of five lectures during September to new field staff of the Department of Social and Family Services, Province of Ontario, on the topic, "Working with People".

Prof. S. Rhinewine has been appointed a member and chairman of the United Jewish Welfare Fund, Social Planning Council's Commission on the Family.

Dr. Albert Rose has been appointed a member of the Curriculum Committee, Council on Social Work Education. At the request of the council and the president of the University of New Brunswick, Dr. Rose will conduct a "feasibility study" of the prospects for a graduate program of social work education in that province; at the invitation of Dr. Rose, Dr. Nicolas Zay, Ecole Service Social, Université Laval, will collaborate in the study. Dr. Rose addressed the annual labour-management banquet of the United Appeal for Metropolitan Toronto on Sept. 20 on the subject "The Role of Voluntary Organizations in the Welfare State".

Hygiene

Dr. A. J. Rhodes has served for the past several months as chairman of the Medical Research Council Assessment Group for Preventive Medicine. In this capacity he has interviewed senior representatives of most of the Departments of Preventive Medicine in the medical schools in Canada as well as those departments in the two Schools of Public Health. Dr. Rhodes' report will constitute part of the report to be submitted to the Science Council Secretariat by the Medical Research Council.

The Staff of the Department of Microbiology have been asked to provide a series of seminars to the staff and graduate students of the Department of Microbiology and Immunology, University of Montreal.

During the current session Drs. L. W. Macpherson, A. C. Wardlaw and R. Pakula will present seminars on their fields of interest. Dr. A. M. Fallis, Head of the Department of Parasitology, will also take part in this program.

Dr. G. Goldthorpe recently appointed lecturer in the Department of Health Administration, School of Hygiene, has been seconded to serve for a period of two years in the Department of Social and Preventive Medicine, University of the West Indies, under the general supervision of Dr. Kenneth L. Standard. This appointment has been financed by the External Aid Office, Government of Canada and is part of a scheme to strengthen mutual relationships between the Department of Social and Preventive Medicine, University of the West Indies and our School of Hygiene.

On Sept. 11 Dr. W. H. le Riche participated in a Federal-Provincial meeting on Statistics and Studies in Connection with Medical Care in Ottawa, at the Brooke Claxton Building. The chairman of the meeting was Dr. R. A. Armstrong, Director of Medical Care, Department of National Health and Welfare. During the period Sept. 20–27 Dr. le Riche attended a planning meeting concerning "Change in Agriculture" held at the Villa Serbelloni (Rockefeller Foundation), on the outskirts of Bellagio, on Lake Como. The meeting was organized by Prof. A. H. Bunting, Dean of the Faculty of Agriculture, University of Reading, England, and it was attended by agricultural and other experts interested in increasing world food production. The full meeting on Change in Agriculture will be based on a case history approach, and it will be held next year at the University of Reading.

Dr. Milton H. Brown represented the director of the School of Hygiene at the 25th Annual Meeting of the Association of Canadian Medical Colleges, held in Ottawa, Oct. 4–5. The major subjects of discussion were (a) the preparation of medical students for their role in the care of patients, and (b) expanding the supply of Canadian medical graduates.

Prof. A. P. Ruderman attended the Round Table on Social Science and Health Planning of the Milbank Memorial Fund in New York, Oct. 17–19. He presented a discussion paper on economic aspects of public health in Colombia on the afternoon of Oct. 18.

Dr. F. B. Roth attended a meeting of an Expert Committee on Hospital Administration of the World Health Organization in Geneva, from Oct. 3–Oct. 9, and acted as rapporteur of the group.

Dr. R. J. Shephard attended the Congress on Sportsmedicine, held in Winnipeg in July, in conjunction with the Pan-American Games, and gave a paper entitled "An Integrated Approach to Cardio-respiratory Performance at Sea Level and at an Altitude of 7,350 feet". He also attended the International Seminar on Ergometry in Berlin Sept. 4–6 and presented a paper "International Agreed Procedures for Testing Cardio-respiratory Fitness". He then attended the 3rd International Congress on Ergonomics in England, Sept. 11–15, and gave a paper on "Techniques for the Study of Habitual Activity in the Community". Dr. Shephard was invited to serve as a member of the Expert Committee on Exercise Tests held in Geneva, Sept. 25–30, by the World Health Organization, and at the meeting of investigators on exercise tests in relation to cardiovascular function gave a paper entitled "Methodology of Exercise Tests in Healthy Subjects and in Cardiac Patients".

Business

Prof. J. V. Poapst has been awarded a Seagram Business Fellowship for the year 1967–68 to assist in the financing of his research on the evaluation of capital expenditure proposals.

Computer Science

Prof. W. Kahan delivered a talk, "Survey of Error Analysis" at the Bell Telephone Laboratories, Murray Hill, N.J. on Sept. 18.

Prof. J. C. Mason gave an invited paper entitled "A Chebyshev Method for the Numerical Solution of the One Dimensional Heat Equation" at the 1967 Nation ACM (Association for Computing Machinery) Conference in Washington, Aug. 29–31.

Connaught Medical Research Laboratories

Dr. Leone Farrell attended the 10th Congress of the Permanent Section on Standardization, International Association of Microbiological Societies, held in Prague, Czechoslovakia, Sept. 19–23, and presented a paper entitled "Animal Cell Strains as Substitutes for Primary Monkey Kidney Cultures in Testing Salk and Other Inactivated Vaccines for Persistent Viruses".

Dr. M. J. Walcroft attended the annual conference of the Canadian Laboratory Animal Science Association in Montreal, Sept.

27, where he gave a paper on "The Production and Management of the Connaught Specific Pathogen Free Guinea Pig Colony".

Dr. P. J. Moloney will be the recipient on Nov. 17 of one of the nine awards to medical scientists from Canada, U.S.A., Britain and Belgium announced by J. A. Gairdner, president of The Gairdner Foundation. The award is in recognition of his achievement in developing Sulphated Insulin for insulin-resistant diabetics.

Aerospace Studies

Dr. J. H. deLeeuw visited the Department of Aerospace Engineering, Cornell University, at Ithaca, N.Y. on Oct. 10 and presented a paper on "Electron Beam Scattering in Weakly Ionized Plasmas".

Dr. I. I. Glass visited the Physics, Chemical Engineering, Mechanical Engineering and Aeronautical Engineering Departments at Imperial College, London, Sept. 13–15, in order to discuss current research in high temperature gas flows. He also attended the International Colloquium on the Gasdynamics of Explosions, Brussels, Belgium, Sept. 19–21 where he gave the opening invited lecture on "Detonation-Driven, Stable, Spherical Implosions for Generating Plasmas at Extreme Temperatures and Pressures". He visited the von Karman Fluid Dynamics Institute, Rhode-Saint-Genesse, Belgium, on Sept. 22, in order to discuss hypervelocity research problems.

Prof. B. Etkin attended an International Research Seminar on "Wind Effects on Buildings and Structures", in Ottawa, Sept. 11–14 and served as chairman on one of the sessions. On Sept. 15 the delegates to the seminar visited the Institute to see its facilities for research in this field.

Dr. G. N. Patterson attended a meeting of the Science Council of Canada, Sept. 28–29. He attended the Canadian Research Management Association Convention held at Toronto during Oct. 4–6 where he presented a paper entitled "The Role of the Research Institute in University-Industry Cooperation" (with special reference to the Aerospace Sciences).

Dr. P. A. Sullivan represented UTIAS at a meeting of the High Speed Aerodynamics Subcommittee of the Advisory Committee on Aerodynamics to the National Research Council in Ottawa on Sept. 22.

Dr. R. C. Tennyson and three students visited Dr. Green of General Motors Technical Centre in Detroit to discuss research in solid mechanics on Oct. 6.

Bio-medical Electronics

Staff members and graduate students participated in the International Electronics Conference, Toronto, Sept. 25–27, and presented two papers. Prof. N. F. Moody and co-authors presented a paper "A New Three-Electrode Impedance Probe Having Clinical Applications", and M. Albisser reported on researches undertaken by Profs. E. L. Thomas and B. S. Leibel in a paper "Studies on a Mathematical Model of the Glucose Insulin System".

Dr. B. McA. Sayers of the Imperial College of Science and Technology in London, England, spent some days at the Institute and gave a seminar, "Point Process Analysis in Neural and Cardiovascular Studies". The speakers of the Bioengineering Sessions of the IEEE Conference together with the deans of the Faculties of Applied Science and Engineering, and Medicine, and Institute staff were guests at a Hart House dinner hosted by Prof. N. F. Moody.

Criminology

Prof. Edwards attended the Centennial meeting of the Ontario Crown Attorneys Association, Ottawa, May 30, and participated in a panel on "The Role of the Crown Attorney in the Administration of Criminal Justice." He also attended meetings of the Association of Canadian Law Teachers, University of Ottawa, June 7–9; the Criminal Law Teachers Workshop, June 12–16, Ottawa; the 17th International Course in Criminology, University of Montreal, Aug. 20–25; and the Society of Public Teachers of Law, University of Bristol, Sept. 21–23. Prof. Edwards, P. Macnaughton-Smith, and Prof. J. Hogarth all participated in the meeting of the Canadian Congress of Corrections held in Halifax, June 25–30.

J. I. Waller spent two weeks in California recently in connection with the Parole Project.

Muhammad Swaleh, Parliamentary draftsman, Pakistan, was a visitor on Aug. 4. Dr. D. J. West, assistant director of research, Institute of Criminology, Cambridge, England, visited the Centre on Aug. 26, and Dr. W. H. Hammond of the British Home Office Research Unit on Sept. 6.

Drama Centre

Prof. Brian Parker delivered a public lecture on Somerset Maugham's *The Circle* at the Shaw Festival, Niagara-on-the-Lake. He participated at the International Theatre Institute's colloquium on theatre design at Montreal, and represented the Drama

Centre at the AUCC conference on "The University and the Arts" at Kingston.

Medieval Studies

Prof. John Leyerle has been made a member of the Steering Committee of the Association of Centers of Medieval and Renaissance Studies. This organization includes all such Centers established in North America.

Prof. N. P. Zacour and T. A. Sandquist attended the Sixth Midwest Medieval History Conference at Creighton University, Omaha, Nebraska, on Oct. 21.

Russian and East European Studies

The first Summer Russian Workshop held in Canada under the sponsorship of the Centre for Russian and East European Studies attracted widespread attention throughout Canada and the United States. More than a hundred requests for information were received and 54 students were registered.

S. Kononoff, who was in charge of the workshop, assembled a staff of seven, in collaboration with the Department of Slavic Languages and Literatures. Six courses were given, including elementary, intermediate and advanced Russian and two reading courses, mainly for graduate students, and a special course was arranged for exchange participants.

An extensive program of extra-curricular activities was organized, with Russian as the language of use. This included visits to Stratford, to the Russian colony on Lake Simcoe, and to the Soviet ship *Bratsk*.

Members of the Centre's staff believe the workshop more than justified the hopes and expectations of those who initiated and carried it through, and they hope it can be repeated next year and continued indefinitely thereafter.

Prof. H. Gordon Skilling gave a lecture in May at the University of Glasgow on "Interest Groups in Soviet Politics" at the Institute of Soviet and East European Studies. He also delivered the same lecture at the London School of Economics the same month. He spoke on "Political Opposition in Communist East Europe" at the London School of Slavonic and East European Studies, University of London, also in May. In September, Prof. Skilling presented a paper at the Seventh Congress of World Politics in West Berlin on "Party, Opposition and Interest Groups in Communist Politics". During June and July he travelled in Czechoslovakia doing research, and then visited Poland and the German Democratic Republic.

Prof. James H. Billington of Princeton University lectured on "Intellectuals in Soviet Society" on Oct. 12, and held a seminar on Oct. 13 on "Russia and the West".

Royal Ontario Museum

Dr. Jon. C. Barlow chaired the local committee which planned the conference for 360 members of the American Ornithologists Union at the ROM, Aug. 21–25. At the meeting Dr. Barlow was voted an elective membership in the society, an honour restricted to 200 of the 3,200 membership. James L. Baillie, a member of the executive council of the A.O.U., and James A. Dick served on the local committee to plan the conference.

Harold B. Burnham spent four months in Europe completing his research in textiles of early Canadian Indians and settlers. In Moscow, Leningrad, Berlin, London and Paris, he examined and recorded materials sent back from the New World. His research was sponsored by a senior fellowship grant from the Canada Council in 1966. In Leeds, he attended meetings of the British Association for the Advancement of Science where papers were presented on the British Woollen Industry. In Riggisberg, Switzerland he was at the opening of the textile conservation laboratories of the new museum established by the Abbegg Foundation. In Lyon, France he gave a paper on the "Preparation of Silk Yarns in China in the Han Dynasty" at the meetings of the Conseil de Direction de Centre International d'Etude des Textiles Anciens. Mr. Burnham also joined the session on the Scandinavian and German versions of the international textile vocabulary for which he prepared the English version.

Dr. E. J. Crossman attended annual meetings of the American Society of Ichthyologists and Herpetologists at San Francisco in June. Later he spent a week at the Institute of Fisheries, University of British Columbia, gathering data on western Canadian fishes. From there he went to the Freshwater Institute, Fisheries Research Board of Canada and the Department of Zoology at the University of Manitoba. In July, he began an inventory of the fishes of Ontario's Quetico Provincial Park, a continuing project supported by the Quetico Foundation.

Alison C. Harle attended the annual

training course in Roman Archaeology at Corbridge, England, held in July under the auspices of the Universities of Durham and Newcastle. Miss Harle also visited the Roman-British Collections at St. Albans and Glasgow.

Dr. H. C. King gave a public lecture in Calgary on Oct. 4 at the Centennial Planetarium. His topic was "Our Galaxy and its Neighbours". At the University of Manitoba he conducted a seminar on "The Local Group". Dr. King attended the Conference of Directors of American Planetariums, Oct. 21–23, and the Conference of Directors of Canadian Planetariums, Oct. 25–26, in Montreal. He was appointed council member and editor of the *Journal* of the newly-founded Planetarium Association of Canada.

Henry Trubner attended the official opening of the exhibition of "Japanese Arts of the Heian Period" at Asia House in New York City, Oct. 4.

Dr. T. Cuyler Young Jr. has returned from three months of excavation in western Iran. He has been appointed a member of the Columbia University seminar on archaeology of the Eastern Mediterranean, Eastern Europe and the Near East and will attend monthly meetings of the seminar for the next two years.

Dr. Dennis M. Power presented a paper entitled "Multivariate Analysis of Geographic Variation in Red-winged Blackbirds" at the meeting of the American Ornithologists' Union held at the ROM.

Dr. E. S. Rogers recently travelled to northern Ontario to survey the Indian communities.

Dr. W. B. Scott attended the annual meetings of the American Society of Ichthyologists and Herpetologists at San Francisco in June. Later, he visited several fishery research units in California, including Hopkins Marine Station and Scripps Institution of Oceanography. In August, Dr. Scott worked at the Fisheries Research Board Station in St. Andrews, N.B. In September he participated in Cruise No. 136 on the vessel *A. T. Cameron*, investigating pelagic fishes in the vicinity of the north-eastern Grand Banks.

Barbara Stephen attended a symposium on "Early Chinese Art and its possible influence in the Pacific Basin" Aug. 21–25, at Columbia University.

Peter C. Swann visited museums in Detroit, Cleveland, and Boston, meeting the directors and comparing museum techniques. Mr. Swann attended the Northeast Museums Conference in Tarrytown, N.Y., Oct. 4–7.

The Press

The following have been published by the Press since the last issue of the *Bulletin*:

Oral Formulaic Language in the Biblical Psalms. By Robert C. Culley. (Near and Middle East Series 4) $6.50

Surveyor's Guide to Electromagnetic Distance Measurement. Edited by J. J. Saastamoinen. $9.00

Editing Nineteenth Century Texts. Edited by John M. Robson. $6.00

Cases and Materials on Creditors' Rights. By Mark R. MacGuigan. $25.00

Confederation. Edited by Ramsay Cook. (Canadian Historical Readings 3) $1.95

Women's Suffrage and Party Politics in Britain, 1866–1914. By Constance Rover. (Studies in Political History) $6.75

Upper Canadian Politics in the 1850's. Edited by Craig Brown. (Canadian Historical Readings 2) $1.50

Socialists, Liberals, and Labour: The Struggle for London 1885–1914. By Paul Thompson. (Studies in Political History) $10.50

Other Books

The Canadians, 1807–1907. Edited by J. M. S. Careless with R. C. Brown. Macmillan.

The Pelican Shakespeare: *Henry VIII.* F. J. D. Hoeniger (ed.) Penguin Books, Baltimore, Md.